

Form PTO/SA08B (10-01) Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Sut		for form 1449A	-		equired to respond to a collection of inf	omplete if Kno	-
					Application Number	09/964,301	
INF	INFORMATION DISCLOSURE			Filing Date	09/26/01		
		MENT BY			First Named Inventor	Gordin, Myror	n K.
•			, 		Art Unit	3637	
	(Use a	s many sheets			Examiner Name	Yip, Winnie S	
Sheet		1	of	5	Attorney Docket Number	P04278US5	
				U.S. P	ATENT DOCUMENTS		
Examiner Initials *	Cite No.1	Document I		Publication Date			Pages, Columns, Lines, Where Relevant Passages or Relevant
(10	-	Number - Kind C	`	1	01 4		Figures Appear
, 00	1	US-411,20		9/1889	Short		
	2	US-453,280		6/2/1891	Lieb		
	3	US-595,600		12/1897	Buck		
<u> </u>	4	US-689,38		12/1901	Crossland		
	5	US-732,22		06/30/1903			
	6	US-839,272		12/1906	Crow		
	7	US-976,879		11/1910	Hughs		
	8	US-1,083,1		12/30/1913		—Dr	
	9	US-1,244,6		12/1917	Southgate		CENTRE
	10	US-1,329,0		01/01/1920		7.5	Y-IVED
	11	US-1,542,5		06/01/1925		<u> APR</u>	14 2000
	12	US-1,567,3		12/1925	Ross	000	- 5 CUU3
	13 ′	US-1,679,2		07/1928	Ehrler	YH()I	10 000-
	14	US-2,036,7	71	04/07/1936			רוים לא ייי
,	15	US-2,040,0	010	05/1936	McMahon		
	16	US-2,066,4	19	01/05/1937	Pfistershammer		
	17	US-2,510,7	17	06/06/1950	Roos		
V	18	US-2,792,9)47	05/1957	Weedman		

	FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
4	F1	DE 426,074	03/27/1935	Pfistershammer			
~	F2	FR 876,891	11/15/1941	Societe Des Tuyaux Bonna	-		
08	F3	GB 717,699	1105/1951	Masts Ltd.			
wy	F4	DE 705,891	03/17/1954	Deutsche Mannesmannrohren- Werke Aktiengeselschaft	_		
~	F5	GB 784,749	10/16/1957	Edison Swan Electric Co. Ltd.	-		
W	F6	FR 1.162.522	09/15/1958	(Garnier) Etienne			
Examine Signatur		Winnie	Yip	Date Considered	11/24/03		

^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional)... 2 See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated to the document of the two ways to the document of the patent document.

on the felign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Form PTO/SA08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

			for form 1449		1333, No persons are	equired to respond to a collection of inf	Complete if Kno	
						Application Number	09/964,301	
Li	NF	ORM	ΙΔΤΙΩΝ Γ	DISCL	OSUBE	Filing Date	09/26/01	<u></u>
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			First Named Inventor	Gordin, Myror	1 K.		
l '				<i>y</i> -1	2.07	Art Unit	3637	
		(Use a	s many sheets			Examiner Name	Yip, Winnie S	
Sh	eet		2	of	5	Attorney Docket Number	P04278US5	
			_		U.S. P	ATENT DOCUMENTS		
Exami Initials		Cite No. [†]	Document		Publication Date MM-DD-YYYY	Name of Paten Applicant of Cited I		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
6	<u>ก</u>	19	US-2,985,	261	5/23/1961	Kubesh		
	\vdash	20	US-2,998,		6/13/1961	Aust		
		21	US- 3,034		05/15/1962	Bianca et al.		
		22	US-3,355,	847	12/05/1967	Pratt		
		23	US-3,364,	635	01/23/1968	Guggemos		
-		24	US-3,403,	520	10/1968	Goodman		
		25	US-3,429,	129	02/1969	Johansson et al.	Pr-	^
	П	26	US-3,638,	433	02/1972	Sherard	115	CFIVER
	П	27	US-3,646,	401 -	02/29/1972	Freegard	·/\Dr	-1450
		28	US-3,713,	262	01/30/1973	Jatcko	' MPK	14 2000
	П	29	US-3,858,	866 .	01/0719/75	Armstrong	GRO	1000
-	П	30	US-3,865,		02/11/1975	Okuto,et al		UP 36An
	П	31	US-3,911	,548	10/1975	Perry		0000
	П	32	US-3,936,	206	02/1976	Meisberger		
	П	33	US-3,958,		05/25/1976	Meyer		
	П	34	US-3,991,	532	11/16/1976	Buxbom		
		35	US-4,033,		07/05/1977	Fukushima		
1	A	36	US-4,092,	079	05/30/1978	Swanson		

	FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶		
100	F7	RU 135,629	03/1961	Dudarov	_	7		
ang.	F8	GB 862,350	03/08/1961	Pre-Stressed Concrete Co. Ltd.	_	1		
w	F9	FR 1 605 015	10/06/1972	Pomagalski	-	ſ		
up	F10	DE 2 255 713	11/14/1972	Starkstrom-Anlagen		1		
W	FII	DE 27 08 664 A1	09/15/1977	Leclerc	-	-		
NY	F12	JP 53-16479	02/15/1978	Matsushita, et al.	_	1		
wh	F13	FR 2 536 780 A1	06/01/1984	Societe Anonyme Petitjean & Cie.				
Examiner Signature		Winmi	e Yip	Date U/2	4/03			

^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

^{*}Examine R: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional)... 2 See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated the serial number of the patent document. The interval of the patent document by the appropriate symbols as indicated the patent of the patent document. on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Form PTO/SA08B (10-01) Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substit	tute for form 1449A	√PTO			Complete if Known
				Application Number	09/964,301
INFO	RMATION D	ISC	LOSURE	Filing Date	09/26/01
	EMENT BY			First Named Inventor	Gordin, Myron K.
J.A.		/\li	2.07	Art Unit	3637
(U	se as many sheets	s as ne	cessary)	Examiner Name	Yip, Winnie S.
Sheet	3	of	5	Attorney Docket Number	P04278US5

			U.S. PA	TENT DOCUMENTS	
Examiner Initials *	Cite No.1	<u>Document Number</u> . Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
-500	37	US-4,181,929	01/1980	Barber et al.	
my	38	US-4,190,881	02/26/1980	Drost et al.	
0	39	US-4,198,022	04/15/1980	Pletcher et al.	
	40	US-4,220,981	09/02/1980	Koether	
-	41	US-4,237,530	12/02/1980	Murray	
	42	US-4,246,732	01/27/1981	Frehner	
	43	US-4,272,929	06/16/1981	Hanson)
	44	US-4,327,534	05/04/1982	Mastalski et al.	CELV
	45	US-4,374,407	02/15/1983	Drost et al.	-IVED
-+-	46	US-4,393,435.	07/12/1983	Petrina	1 4 2000
	47	US-4,450,507	05/22/1984	Gordin GPO	2003
	48	US-4,492,496	01/01/1985	Arnold	JP 2000
	49	US-4,617,768	10/21/1986	Gebelius	- 00UA
	50	US-4,673,157	06/16/1987	Wells	
	51	US-4,719,540	01/12/1988	San George et al.	
-	52	US-4,779,389	10/25/1988	Landers	
	53	US-4,796,001	01/03/1989	Gostyla	
1	54	US-4,878,160	10/31/1989	Reneau,et al	

	FOREIGN PATENT DOCUMENTS							
Examiner Initials *	Cite No. ¹	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т 6		
M	F14	SE 8202141-9	11/25/1985	Ilvander				
m	F15	DE 3 440 531 C1	03/13/1986	Lehmann	-			
	F16	GB 2 205 392 A	06/06/1988	Christy Lighting Ltd.	_			
	F17	FR 2 616 471	12/16/1988	Petitjean S.A., Societe Anonyme				
	F18	EP0 0 440 531 B1	08/07/1991	Musco Corporation				
V	F19	MX 175863	01/29/1991	Musco Corporation				

Examiner Signature	Wimie Yip	Date Considered	11/24/03
-----------------------	-----------	--------------------	----------

^{*}EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional)... 2 See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.





Form PTO/SA08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substi	tute for form 1449A	VPTO	i	C	Complete if Known
				Application Number	09/964,301
INFO	RMATION D	ISC	LOSURE	Filing Date	09/26/01
	TEMENT BY			First Named Inventor	Gordin, Myron K.
0.71				Art Unit	3637
(U	se as many sheets	as ne	cessary)	Examiner Name	Yip, Winnie S.
Sheet	4	of	5	Attorney Docket Number	P04278US5

			U.S. PA	TENT DOCUMENTS	
Examiner Initials *	Cite No. ¹	Document Number . Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevar Figures Appear
W)	55	US-4,894,759	01/16/1990	Siems	
	56	US-4,903,442	02/27/1990	Trommen	
	57	US-4,930,270	06/05/1990	Bevacqua	
	58	US-5,398,478	03/21/1995	Gordin et al.	
	59	US-5,600,537	02/04/1997	Gordin et al.	
	60	US-5,820,255	10/131998	Carrington et al.	
	61	US-6,340,790	01/22/2002	Gordin et al.	
V.	62	US-6,398,392	06/04/2002	Gordin et al.	
an		4181929	01/1980	Barber et al. MECF	11/1
			Ī	:400	IVED
				APR 14	2000
			•	GDO	2003
		- /		-Unup	2600
					0000
				 	

	FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No.	Foreign Patent Document Country Code ³ -Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т 6	
						 	
						-	
						\vdash	

Examiner Signature	Winnie Yip	Date Considered	11/24/03

*EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional)... ² See Kinds of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated

on the leigh of the Eniperor must precede the serial number of the patent document. While of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

8 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.

NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



APR 0 7 2003 SUPERINGENERAL STRANGENERAL STRANGENERA STRANGENERAL STRANGENERAL STRANGENERAL STRANGENERAL STRANGENERA STRANGENERA STRANG

Form PTO/SB/08B (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	09/964,301	
INFO	RMATION D	ISCI	OSURE	Filing Date	09/26/01	
	EMENT BY			First Named Inventor	Gordin, Myron K.	
O.A.		,		Group Art Unit	3637	
(Use as many sheets as necessary)				Examiner Name	Yip, Winnie S.	
Sheet	5	of	5	Attorney Docket Number	P04278US5	

******	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS						
Examiner Initials *	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
~	, P1	Centrecon Sportsliner II-50 (Brochure) (12/1986), 4 pages.					
1	, P2	Centrecon FL Series Floodlighting (Brochure) (9/1982), 2 pages.					
~	/P3	Abacus-raising and lowering lighting columns 3m to 35m height; Printed in England; 1985, Al MUNICIPAL, LTD. (Brochure), 13 pages. Union Metal Corporation, 1022 9 th Street S.W., Car 44711;					
, v							
			*				
		RECEIVED					
		APR 1 4 2003					
		RECEIVED APR 1 4 2003 GROUP 3600					

Examiner Signature	Winnie Yip	Date Considered	11/24/03
-----------------------	------------	--------------------	----------

^{*} EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.